CLAIMS:

1. An inflatable catheter (1) with a proximal end (A) and a closed distal end (B) for inserting into a human or animal body cavity, the catheter having at least a longitudinal, inflatable section that is flexible and essentially non-stretchable and which collapses when not inflated.

2. A catheter according to claim 1 wherein the inflatable section comprises a material chosen among LDPE, HDPE, PET, polyetan, polyurethane and other materials with similar mechanical properties.

3. A catheter according to claim 1, where the inflatable section comprises a material having a thickness between 10 and 100 μm, preferably between 10 and 50 μm.

4. A catheter according to any one of claims 1 - 3, wherein the inflatable section comprises a web of material with opposing edges secured to each other.

5. A catheter according to claim 4, wherein the web is of a weldable material, and the opposing edges are secured to each other by welding.

6. A catheter according to claim 5 having two or more lumens separated by welding seams.

7. A catheter according to any one of claims 1 - 6 comprising a tubular member at the proximal end (A).

8. A device for measuring in human or animal body cavities, the device comprising catheter (1) with a proximal end (A) and a closed distal end (B) for inserting into the body cavity, a fluid pump for inflating the catheter and

adapted to provide a fluid pressure to the catheter so as to inflate the catheter, wherein the catheter is in accordance with any one of claims 1 - 7.

9. A device according to claim 7, where the fluid pump is controllable to vary the fluid pressure supplied to the catheter.